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Result
No.
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Listing first 45 summaries
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AAR30869
AAR65063
Q91902
Q8AW87
P87357
Q8LW074
Q6D148
Q57462
Q79941
                                                                       DLL4 HUMAN
QB1497
DLL4 MOUSE
Q9DBÜ9
Q7Q0M5
DL_DROME
Q6T4M9
Q6T4N1
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057409
Q9IAT6
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Q6T4N3
Q6T4N4
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Q90656
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090656 gallus gall
P97677 rattus musculu
069fv7 mus musculu
Aah57400 mus muscu
Aah65063 mus muscu
O91402 xenopus lae
08aw87 cynops yyrr
P87357 brachydanio
O6d148 brachydanio
O57462 brachydanio
O57462 brachydanio
O57462 brachydanio
O57469 brachydanio
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O91416 brachydanio
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O91416 brachydanius
O91499 cupiennius
O91491 mus musculu
O790m5 anopheles
O9171 mus musculu
O740m5 anopheles
O91410 drosophila
O6t4m9 drosophila
O6t4n1 drosophila
O6t4n3 drosophila
O6t4n3 drosophila
O6t4n4 drosophila
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Description
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PROM N.A. 12887296; PubMed=12975309; DOI=10.1101/gr.129 12887296; Courrell B., Baker K., Delay B., Delay B	SEQUENCE FROM N.A. Han W., Ye Q., Moore M.A.S.; Han W. Ye Q., Moore M.A.S.; "A soluble form of human delta-like-1 inhibits diff "A soluble form of human delta-like-1 inhibits diff hematopoletic progenitor cells."; Submitted (OCT-1999) to the EMBL/GenBank/DDBJ datab [3] SEQUENCE FROM N.A. Oda T., Chandrasekharappa S.C.; "Human Delta 1 gene sequence."; Submitted (JAN-2000) to the EMBL/GenBank/DDBJ datab [4]	Bukaryota; Metazoa; Chordata; Craniata; Vertebr Mammalia; Butheria; Primates; Catarrhini; Homin NCBI_TaxID=9606; [1] [1] SEQUENCE FROM N.A. MEDLINE=99180765; PubMed=10079256; MEDLINE=99180765; PubMed=10079256; Gray G.E., Mann R.S., Mitsiadis E., Henrique D. Gray G.E., Mann J., Ward D., Ish-Horowitz D., "Human ligands of the Notch receptor."; Am. J. Pathol. 154:785-794(1999).	L1_HUMAN DLL1_HUMAN DLL1_HUMAN DLL1_HUMAN DLL1_HUMAN DLL1_HUMAN DLL1_HUMAN O00538; QSNU41; QSUUVZ; 15-UT1-1998 (Rel. 36, Created) 15-UT1-1998 (Rel. 36, Last sequence update) 05-UT1-2004 (Rel. 44, Last annotation update) Delta-like protein 1 precursor (Drosophila Delta (H-Delta-1) (UNQ146/PRO172). Name=DLL1; Homo sapiens (Human)	32 659.5 56.9 833 2 Q6T4N6 33 659.5 56.9 833 2 AAO25024 34 659.5 56.9 833 2 AAR21453 35 659.5 56.9 833 2 AAR21454 36 659.5 56.9 833 2 AAR21456 37 659.5 56.9 833 2 AAR21457 38 659.5 56.9 833 2 AAR21457 39 659.5 56.9 833 2 AAR21459 41 659.5 56.9 833 2 AAR21459 41 659.5 56.9 833 2 AAR21460 42 659.5 56.9 833 2 AAR21461 43 659.5 56.9 833 2 AAR21461 44 659.5 56.9 833 2 AAR21461 45 659.5 56.9 833 2 AAR21462 46 659.5 56.9 833 2 AAR21463 47 659.5 56.9 833 2 AAR21463 48 659.5 56.9 833 2 AAR21463 49 659.5 56.9 833 2 AAR21464
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PRINTS; PRO0010; EGFBLOOD.
SWART; SW00051; DSL; 1.
SWART; SW00159; EGF CA; 4.
SROSITE; PS00010; ASX HYDROXYL; 3
PROSITE; PS00002; EGF 1; 8.
PROSITE; PS01186; EGF 3; 7.
PROSITE; PS01187; EGF CA; 1.
DEVELOPMENTAL PX01661; Differential PROBAT; STORAL TERROREPHYRO.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             EMBL; AF003522; AAB61286.1; -.
EMBL; AF196571; AAF05834.1; -.
EMBL; AF222310; AAG09716.1; -.
EMBL; AY358892; AAG89251.1; -.
EMBL; AL078605; CAB89569.1; -.
HSSP; P00740; IEDM.
Developmental I
Repeat, Signal
SIGNAL 11
SIGNAL 11
CHAIN 11
DOMAIN 154
DOMAIN 566
DOMAIN 155
DOMAIN 225
DOMAIN 225
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G0; G0:0005576; C:extracellular; NAS.

G0; G0:0005877; C:integral to plasma membrane; NAS.

G0; G0:00058112; P:Notch binding; IPI.

G0; G0:0005112; P:Notch binding; IPI.

G0; G0:0001701; P:embryonic development (sensu Mammalia); ISS

G0; G0:0001701; P:embryonic development (sensu Mammalia); ISS

G0; G0:0001701; P:hair cell fate commitment; ISS.

G0; G0:0009912; P:hair cell fate commitment; ISS.

G0; G0:000721; P:Inner ear morphogenesis; ISS.

G0; G0:0007399; P:neurogenesis; ISS.

G0; G0:0007399; P:Notch signaling pathway; NAS.

G0; G0:0007219; P:Notch signaling bathway; NAS.

G0; G0:000155; P:regulation of cell adhesion; TAS.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              modified and this statement is not removed. Usage by and for commercial entities requires a license agreement (See http://www.isb-sib.ch/announce/or send an email to license@isb-sib.ch).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   This
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              lymphoid differentiation.";
J. Exp. Med. 194:991-1001(2001).
-I- FUNCTION: Acts as a ligand f
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Jaleco A.C., Neves H., Hooijberg E., Gameiro P., Cloue N., Houry F., Henrique D., Parreira L.;
"Differential effects "Notch ligands Delta-1 and Jagged-1 in human"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MEDLINE=21464863; PubMed=11581320;
Jaleco A.C., Neves H., Hooijberg E
                                                                                                                                                                                                                                                                                                                          InterPro; IPR000152; Asx_hydroxyl_S.
InterPro; IPR001774; DSL.
InterPro; IPR001742; EGF_2.
InterPro; IPR001881; EGF_II.
InterPro; IPR001438; EGF_II.
InterPro; IPR006209; EGF_IIke.
                                                                                                                                                                                                                                                                                                 Pfam; PF01414; DSL; Pfam; PF00008; EGF;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FÜNCTION: Acts as a ligand for Notch receptors. Blocks the differentiation of progenitor cells into the B-cell lineage while promoting the emergence of a population of cells with the characteristics of a T-cell/NK-cell precursor.

SUBUNIT: Interacts with Notch receptors.

SUBCELLULAR LOCATION: Type I membrane protein.

TISSUE SPECIFICITY: Expressed in heart and pancreas, with lower expression in brain and muscle and almost no expression in brain and muscle and almost no expression in placenta, lung, liver, and kidney.

SIMILARITY: Contains 1 DSL domain.

SIMILARITY: Contains 8 EGF-like domains.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  s SWISS-PROT entry is copyright. It is produced through a collaboration ween the Swiss Institute of Bioinformatics and the EMBL outstation - European Bioinformatics Institute. There are no restrictions on its by non-profit institutions as long as its content is in no way iffied and this statement is not removed. Usage by and for commercial
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   18
546
569
159
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257
                                                                                                                                  Transmemb
                                                                                                                                               Differentiation;
Potential.
Cytoplasmic
DSL.
EGF-like 1.
EGF-like 2.
                                                                                  Delta-like protein 1.
Extracellular (Potential).
                                                                                                 Potential.
Delta-like
                                                                                                                                                 EGF-like
                                                     (Potential).
                                                                                                                                                 domain;
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RESULT 2

Q9065

ID 0296

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AC Q906

AC Q906

AC Q906

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AC Q906

AC CDE

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01-NOV-1996 (TrEMBLrel. 01, I
01-MAR-2004 (TrEMBLrel. 26, I
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Archosauria; Aves; Neogn
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TISSUE-Spinal cord;
MEDLINE-95319507; PubMed-7596411;
                                                                                                                      NCBI_TaxID=9031;
                                                                                                                                                                                                                                                                                            C-Delta-1
                                                                                                                                                                         Gallus
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192; Conser
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Pred. No. 3.5e-88;
; Mismatches 0;
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; Galliformes; Phasianidae; Phasiani
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-> R (in Ref. 4 and 5).
-> S (in Ref. 2).
B4EC455FFA32A12B CRC64;
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Maximum Match 100%
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     Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
  Score
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DELTA-like 1 - mou
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RESULT 2 148324 148324 DELTA-like 1 - mouse C;Species: Mus musculus (house mouse) C;Date: 02-Jul-1996 #sequence_revisic C;Accession: 148324 C;Accession: 148324 R;Bettenhausen, B.; de Angelis, M.H.; Development 121, 2407-2418, 1995 A;Title: Transient and restricted exp	180 120 61 180 121 240 181	icken lus gallus (ch- 1996 #sequenc 50719 7-790, 1995 750719 iminary; trans e: mANA 728 <hen> 728 <hen> 728 <hen- egf="" homolo="" homolo<="" in:="" th=""><th>30 187.5 16.2 2825 2 31 185.5 16.0 2555 2 32 185 15.9 1746 1 33 184.5 15.9 1964 2 34 184.5 15.9 1964 2 35 184 15.9 2531 2 36 183 15.8 2437 2 37 182.5 15.6 2531 2 39 181.5 15.6 2531 2 40 180.5 15.6 2139 2 41 180.5 15.6 2703 1 42 180 15.5 473 2 43 179.5 15.5 2352 2 44 178 15.3 2201 2 45 177.5 15.3 861 2</th></hen-></hen></hen>	30 187.5 16.2 2825 2 31 185.5 16.0 2555 2 32 185 15.9 1746 1 33 184.5 15.9 1964 2 34 184.5 15.9 1964 2 35 184 15.9 2531 2 36 183 15.8 2437 2 37 182.5 15.6 2531 2 39 181.5 15.6 2531 2 40 180.5 15.6 2139 2 41 180.5 15.6 2703 1 42 180 15.5 473 2 43 179.5 15.5 2352 2 44 178 15.3 2201 2 45 177.5 15.3 861 2
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C;Accession: JC7570

R;Yoneya, T.; Tahara, T.; Nagao, K.; Yamada, Y.; Yamamoto, T.; Osawa, M.;
J. Biochem. 129, 27-34, 2001

A;Title: Molecular cloring of Delta-4, a new mouse and human notch ligand.
A;Reference number: JC7569; MUID: 21064937; PMID:11134954

A;Accession: JC7570

A;Accession: JC7570
                                                                                                                                                                                                                                                                                                                                                                     A/Cross-references: UNIPROT:Q9NR61; I
C/Comment: This protein, a member of
ates the Notch signaling, the growth
C/Genetics:
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C/Superfamily: delta-4 protein; EGF homology
F/331-362/Domain: EGF homology <EGF2>
F/446-477/Domain: EGF homology <EGF>
F/484-515/Domain: EGF homology <EGF1>
                                                                                                                                                                                                                                                                                                            A/Gene: delta-4
C/Superfamily: delta-4 protein; EGF homology
C/Keywords: transmembrane protein
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A;Accession: I48324
A;Status: preliminary; translated from GB/EMBL/DDBJ
A;Molecule type: mRNA
A;Molecule type: mRNA
A;Residues: I-722 <RES>
A;Crose-references: UNIPROT:Q61483; EMBL:X80903; NID:g806569; PIDN:CAA56865.1; PID:g8065
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C;Species: Homo sapiens (man)
C;Date: 30-Jun-2001 #sequence_revision 30-Jun-2001 #text_change
C;Accession: JC7570
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Similarity 61.1%; Pred. No. 1.7e-46;
18; Conservative 19; Mismatches 53;
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 CTHIKPCKNGATC 192
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                                  EQNGY CSKPAECLCRPGWQGRLCNECI PHNGCRHGTCSTPWQCTCDEGWGGLPCDQDLNY
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Pred. No. 9.8e-78;
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f the Notch family of proteins, is a transmembrane
h or differentiation of vascular endothelial cells.
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RESULT 4
JC7569
Delta-4 protein
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C,Species: Mus musculus (house mouse)
C,Date: 30-Jun-2001 #sequence_revision 30-Jun-2001 #text_change 09-Jul-2004
C,Accession: JC7569
                                                                                                                                                                                                                                                                                                                                 A;Title: Delta, a Drosophila neurogenic gene, A;Reference number: A31246; MUID:89196890; PMI A;Accession: A31246
                                                                                                                                                                                                                                                                                                                                                                                                C;Accession: A31246
R;Kopczynski, C.C.; Alton, A.K.; Fechtel, K.; Kooh, Genes Dev. 2, 1723-1735, 1988
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   neurogenic protein Delta precursor - fruit fly (Drosophila melanogaster)
C;Species: Drosophila melanogaster
C;Date: 31-Mar-1990 #sequence_revision 31-Mar-1990 #text_change 02-Aug-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   A;Gene: delta-4
C;Superfamily: delta-4 protein; EGF homology
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    A;Residues: 1-686 <YON>
A;Residues: 1-686 <YON>
A;Residues: 1-686 <YON>
A;Cross-references: UNIPROT:Q9DBU9; DDBJ:AB043893
C;Comment: This protein, a member of the Notch family of proteins, is a transmembrane ates the Notch signaling, the growth or differentiation of vascular endothelial cells
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               A;Title: Molecular cloning of Delta-4, a new mouse and human A;Reference number: JC7569; MUID: 21064937; PMID:11134954 A;Accession: JC7569
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              R;Yoneya, T.; Tahara, T.; Nagao, K.; Yamada, Y.; Yamamoto, J. Blochem. 129, 27-34, 2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          A; Molecule type: mRNA
                                                                                                                                                                                                                                                                                         A, Molecule type: mRNA
A, Residues: 1-832 < KOP>
Query Match
Best Local S
Matches 107
                                                                                   Gene: PlyBase:Dl

Cross-references: PlyBase:PBgn0000463;
Cross-references: PlyBase:PBgn0000463;
Superfamily: neurogenic protein delta;
1295-328/Domain: EGF homology <EGF1>
1452-450/Domain: EGF homology <EGF1>
1457-4484/Domain: EGF homology <EGF2>
1533-564/Domain: EGF homology <EGF3>
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Best Local Similarity
Matches 115; Conserv
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                       Local Similarity
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Pred. No. 2.6e-44;
7; Mismatches 58
                    Score 659.5; DB 2;
Pred. No. 1.2e-42;
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PTWPGTPSLIIEALHTDSPDDLATENPERLISRLATQRHLTVGEEWSQDLHSSGRTDLKY

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Result
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Maximum Match 100%
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/cgn2_6/picodata/2/pubpaa/US07_NEW_PUB.pep:*
/cgn2_6/picodata/2/pubpaa/US06_NEW_PUB.pep:*
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US-09-9828-366-21
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Sequence 3, Appli
Sequence 4, Appli
Sequence 21, Appli
Sequence 9, Appli
Sequence 346, App
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Sequence 65, Appl
Sequence 43, Appl
Sequence 43, Appl
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US-09-908-322-65
; Sequence 65, Application US/09908322
; Patent No. US20020107194A1
; GENERAL INFORMATION;
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APPLICANT: Ish-Horowicz, David
Henrique, Domingos Manuel Pinto
Lewis, Julian Hart

Artavanis-Tsakonas, Spyridon

COUNTRY: USA

ZIP: 10036/2711

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOPTWARE: FBSTSEQ Version 2.0

CURRENT APPLICATION UNMBER: US/09/908,322
FILING DATE: 17-011-2001

CLASSIFICATION DATA:
APPLICATION UNMBER: US/09/908,322
FILING DATE: 17-011-2001

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/981,392

APPLICATION NUMBER: 08/981,392

PILING DATE: 22-DEC-197

ATTORNEY/AGENT INFORMATION: CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds LLP
STREET: 1155 Avenue of the Amer: NUMBER OF SEQUENCES: NAME: Misrock, S Leslie REGISTRATION NUMBER: 18, REFERENCE/DOCKET NUMBER: CITY: New York STATE: NY Gray, Grace OF INVENTION: NUCLECTIDE AND PROTEIN SEQUENCES OF VERTEBRATE DELTA GENE AND METHODS BASED THEREON BER: 18,872 NUMBER: 7326-123 of the Americas

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RESULT 2
US-09-783-931-65
/ Sequence 65, Application US/09783931
/ Publication No. US20030073620A1
/ GENERAL INFORMATION:
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Best Local Similarity
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                                                                                                                                                     COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FRACESCO Version 2.0
CURRENT APPLICATION DATA:
APPLICATION UMBER: US/09/783,931
FILING DATE: 15-Feb-2001
CLASSIFICATION: Unknown>
                               PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/981,392
PILING DATE: 22-DEC-1997
ATTORNEY/AGENT INFORMATION:
NAME: Ancler, Adriane M.
REGISTRATION NUMBER: 32,605
                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonde LLP
STREET: 1155 Avenue of the Americas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MOLECULE TYPE: peptide SEQ ID NO: 65:
REFERENCE/DOCKET NUMBER: 7326-122 TELECOMMUNICATION INFORMATION:
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TYPE: amino acid
STRANDEDNESS: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                 COUNTRY: USA
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Lewis, Julian Hart
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RESULT 3
US-09-908-322-43
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Patent No. US20020107194A1
GENERAL INFORMATION:
APPLICANT: Ish-Horowicz, David
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Best Local Similarity
Matches 192; Conserv
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              COMPUTER: IBM COMPACTION
COMPUTER: IBM COMPACTION
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ Version 2.0
CURRENT APPLICATION DATA:
APPLICATION UNMBER: US/09/908,322
PILING DATE: 17-Jul-2001
CLASSIFICATION: CINKNOWN>
PRIOR APPLICATION UNMBER: 08/981,392
PILING DATE: 22-DEC-1997
ATTORNEY/AGENT INFORMATION:
NAME: Misrock, S Leslie
REGISTRATION UNMBER: 18,872
REFERENCE/DOCKET NUMBER: 7326-123
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
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STATE: NY
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STRANDEDNESS: «Unknown»
TOPOLOGY: unknown
                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: USA
ZIP: 10036/2711
                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE: Pennie & Edmonds LLP
STREET: 1155 Avenue of the Americas
TELEPHONE: 212-790-9090
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ilarity 100.0%;
Conservative (
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Lewis, Julian Hart
Artavanis-Tsakonas, Spyridon
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Pred. No. 2.2e-90;
); Mismatches 0;
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Result
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Maximum Match 100%
Listing first 45 summaries
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Maximum DB
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Perfect score:
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seq length: 2000000000
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Match
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1160
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| Cgn2 6/ptodata/1/iaa/5A_COMB.pep:*
| Cgn2 6/ptodata/1/iaa/5B_COMB.pep:*
| Cgn2 6/ptodata/1/iaa/6B_COMB.pep:*
| Cgn2 6/ptodata/1/iaa/6B_COMB.pep:*
| Cgn2 6/ptodata/1/iaa/6B_COMB.pep:*
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Copyright (c) 1993 - 2004 Compugen Ltd.
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US-08-981-392-65
US-08-981-392-43
US-08-981-392-43
US-09-908-322-43
US-09-908-740A-4
US-09-068-740A-4
US-09-068-740A-4
US-09-068-740A-4
US-09-068-740A-4
US-09-068-753-27
US-10-140-002-346
US-09-641-612-6
US-09-981-392-2
US-08-981-392-2
US-08-981-392-12
US-08-981-392-12
US-08-981-392-12
US-08-981-392-12
US-08-981-392-13
US-08-872-855-9
US-08-872-855-9
US-08-872-855-10
US-09-908-322-13
US-08-981-322-13
US-09-983-322-13
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(without alignments)
553.611 Million cell updates/sec
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6, Appli
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51.0	51.4	51.4	51.4	52.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	61.2	61.2	2.10
1055	1193	1193	1193	200	833	833	833	833	833	833	833	832	832	830	685	685	đ
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US-09-214-278-2	US-09-195-524-10	US-08-611-729A-10	US-08-400-159-10	US-09-068-740A-2	US-08-893-828-6	US-08-532-384-2	US-08-346-128-6	US-08-346-126-6	US-08-465-500-6	US-08-083-590A-2	US-08-264-534-6	US-09-908-322-6	US-08-981-392-6	US-08-872-855-11	US-10-140-002-88	US-09-641-612-7	US-U9-443-753-45
Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	actuation
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App1	App	App	App	Appl	Appli	App1:	Appl:	Appl:	Appl:	App1	App1	App1	Appl	App.	Appl	App1	day

US-08-981-392-65

Sequence 65, Application Patent No. 6262025
GENERAL INFORMATION:

Application US/08981392

APPLICANT: APPLICANT: APPLICANT:

Ish-Horowicz, David

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US-08-981-392-65
                                                                                                                                                TELEFAX: 212-869-8864
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 65
SEQUENCE CHARACTERISTICS:
LENGTH: 192 amino acids
TYPE: amino acid
  Best Local Similarity Matches 192; Conserva
                                      Query Match
                                                                                                                                                                                                                                                                         SOFTWARE: FASTISE VETSION 2.0 CURRENT APPLICATION NUMBER: US/08/981,3 APPLICATION NUMBER: US/08/981,3 FILLING DATE: 22-DEC-1997 CLASSIFICATION: 514 ATTORNEY/AGENT INFORMATION: NAME: Antler, Adriane M. REGISTRATION NUMBER: 32,605 REFERENCE/DOCKET NUMBER: 7326-0 TELECOMMUNICATION INFORMATION: TELEPHONE: 212-790-9990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ZIP: 10036/2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatibl
OPERATING SYSTEM: DOS
                                                                                             TOPOLOGY: ur
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie &
STREET: 1155 Avenue
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APPLICANT: Gray, Grace
TITLE OF INVENTION: NUCLECTIDE AND PROTEIN SEQUENCES
TITLE OF INVENTION: OF VERTEBRATE DELTA GENES AND METHODS BASED THEREON
NUMBER OF SEQUENCES: 94
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STATE: N
                                                                                                                                STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: New York
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1155 Avenue of the Americas
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Lewis, Julian Hart
Artavanis-Tsakonas, Spyridon
Gray, Grace
                                                                                                                    unknown
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                                                                                               peptide
100.0%; Score 1160;
100.0%; Pred. No. 4.
Live 0; Mismatches
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    4.1e-92;
hes 0;
                                        DB 3;
                                      Length
                                          192;
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Conservative

0

Gaps

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US-09-you

Sequence 65, Appara

Patent No. 6783956

GENERAL INFORMATION:

Henrique, Domingos Manuel Pinto
Lewis, Julian Hart
Artavanis-Tsakonas, Spyridon

Grace

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US-09-908-322-65
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                                                                                                                                                        Query Match
Best Local :
                                                                                                                      Matches
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INFORMATION FOR SEQ ID NO: 65:
SEQUENCE CHARACTERISTICS:
LENGTH: 192 amino acid
TYPE: amino acid
                                                                                                                                                    Local
                                                                                                                                                                                                                                                                                         TOPOLOGY: unknown
MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 73
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-790-9090
TELEPAX: 212-869-8864
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: 08/981,392
FILING DATE: 22-DEC-1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US/09/908,322
PILING DATE: 17-Uul-2001
CLASSIPICATION: -Unknown>
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOTWARE: FastSEQ Version 2.0
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES: 94
CORRESPONDENCE ADDRESS:
ADDRESSE: Pennie & Edmonds LLP
STREET: 1155 Avenue of the Americas
CITY: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: NUCLEOTIDE AND PROTEIN SEQUENCES OF VERTEBRATE DELTA GENE AND METHODS BASED THEREON
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                                                                                                                                                        Similarity
GPTWPGTFSLIIBALHTDSPDDLATENPERLISRLATQRHLTVGBEWSQDLHSSGRTDLK 60
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                                                                                                                                                                                                                                                                                                                                                                                                        STRANDEDNESS: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STATE: NY
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Misrock, S Leslie
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                                                                                                          100.0%; Score 1160; DB 4; ilarity 100.0%; Pred. No. 4.1e-92; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               192
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                                                                                                                                                                                                                                                                                                     65:
                                                                                                                                                                                  Length 192,
                                                                                                                  Indels
                                                                                                              0,
                                                                                                              Gaps
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US-08-981-392-43
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                                                                                                                                                                                               , MOLECULE TYPE: peptide US-08-981-392-43
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: Ish-Hor
APPLICANT: Henriqu
APPLICANT: Lewis,
                                                                                                                               Matches
                                                                                                                                              Query Match
Best Local (
                                                                                                                                                                                                                                                                                            TELEX: 66141 PENNIE INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
NAME: Antler, Adriane M.
REGISTRATION NUMBER: 32,605
REFERENCE/DOCKET NUMBER: 7320
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-790-9090
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY: USA
ZIP: 10036/2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION DATA: US.
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TITLE OF INVENTION: OF VERTEBRATE DELTA GENES AND METHODS BASED THEREON
NUMBER OF SEQUENCES: 94
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                          LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM CONCERNING SYSTEM:
                                                                                                                                                                                                                              TOPOLOGY: ur
                                                                                                                                                                                                                                                                                                                                             TELEFAX: 212-869-8864
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: FastSEQ Version 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STREET:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  181 THHKPCKNGATC 192
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                                                                                                                               192;
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80
                    61 YSYRFVCDEHYYGEGCSVFCRPRDDAFGHFTCGERGEKVCNPGWKGPYCTEPICLPGCDE 120
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                                                             20 GFTWPGTPSLIIEALHTDSPDDLATENPERLISRLATQRHLTVGBEWSQDLHSSGRTDLK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    61 YSYRFYCDEHYYGEGCSVFCRPRDDAFGHFTCGERGEKVCNPGWKGPYCTEPICLPGCDE
                                                                                    1 GFTWPGTFSLIIEALHTDSPDDLATENPERLISRLATQRHLTVGEEWSQDLHSSGRTDLK
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                                                                                                                                                Similarity
                                                                                                                                                                                                                                                              amino acid
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YSYRFYCDEHYYGEGCSVFCRPRDDAFGHFTCGERGEKVCNPGWKGPYCTEPICLPGCDE
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                                                                                                                                                                                                                                                                            276 amino acids
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1155 Avenue of the Americas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Henrique, Domingos Manuel Pinto
Lewis, Julian Hart
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gray, Grace
                                                                                                                               Conservative
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                                                                                                                                                                                                                               unknown
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                22-DEC-1997
                                                                                                                                           100.0%; Score 1160; DB 3; 100.0%; Pred. No. 6.1e-92;
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                                                                                                                               Mismatches
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                                                                                                                               Indels
                                                                                                                                                            Length 276;
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SUMMARIES
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Result No.	Score	Query Match	Length	B	ID	-
1	1160		192	N	AAW11728	Aaw11728 H-Delta-1
N	1160	100.0	331	σ	6180	06 Humar
ω	1160	•	331	7	ABR61735	Human
4	1160	٠	331	8	ADJ45785	5 Deltal
s	1160	100.0	332	7	ABU63727	7 Notch
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7	1160	100.0	332	œ	ADL73006	6 Human
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φ	1160		369	σ	ABR61807	7 Human
10	1160	100.0		7	ABR61736	Human
. 11	1160	100.0		8	ADJ45790	
12	1160	100.0		æ	ADL72998	×
13	1160	100.0		o	ABR61808	Human
14	1160	100.0		7	ABR61737	Human
15	1160	100.0		8	ADJ45795	Deltai
16	1160		484	ω	ADL72986	6 Huma
17	1160	100.0	512	N	AAW75494	4 Trunc
18	1160	100.0	520	ผ	AAW18348	œ
19	1160	100.0	524	æ	ADK67909	
20	1160	100.0	660	N	AAW11726	Aaw11726 H-Delta-1
21	1160	100.0	702	ผ	AAW18349	Aaw18349 Prolifera
22	1160	100.0	702	N	AAW75495	
23	1160	100.0	723	N	AAW18353	w
24	1160	100.0	. 723	N	AAW75492	N
25	1160	100.0	723	N	AAW94498	Aaw94498 Human del

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Ada18946	Ada76296	Ada45865		٠.		Abu59823	Aae34035	Abu55879	Abu66742	Abp97824	Abu81042	Abo17788	Aab53064	Aau12344	Aab00172	Aay79032	Aab24388	Aab33422	Aay83227
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AAW11728
IID AAW1
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XX H RESULT 1 H-Delta-1; cell proliferation; nervous system disorder; tissue regeneration; Notch; cervix cancer; breast cancer; colon cancer; melanoma; seminoma; neurogenesis; therapy. Homo sapiens. H-Delta-1 polypeptide (aa 1-192). 28-JUN-1995; 16-JAN-1997 28-APR-1997 AAW11728; AAW11728 standard; 28-JUN-1996; WO9701571-A1 (first entry) 95US-0000589P. 96WO-US011178. protein; 192 Å lung cancer;

(IMCR) IMPERIAL CANCER RES TECHNOLOGY.

Gray sh-Horowicz D, Henrique D, Ray GB; Lewis J, Artavanis-Tsakonas

S

WPI; 1997-100159/09.

New vertebrate Delta protein, DNA and antibodies - for treating and preventing cancer, nervous system disorders and for tissue regeneration.

Claim 84; Fig 14A; 135pp; English.

Human Delta-1 includes the polypeptide sequences given in AAW11728-38. Amino acid residues 1-192 are given in AAW11728. The polypeptides were identified from the translation products (see also AAW11725-27) of a H-Delta-1 contig (AAT59454) derived from a foetal brain library. Errors in the contig resulted in frameshifts, and the H-Delta-1 amino acid sequence had to be deduced from the 3 translated sequences by homology to chick and mouse Delta-1 (see also AAW11719-20). H-Delta-1 is a homologue of Drosophila Delta, a protein that binds to Notch. H-Delta-1 polypeptides can be used to treat disorders of cell fate or differentiation, such as cancer, and nervous system disorders, or to promote tissue regeneration and repair

SX

Sequence 192

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Query Match Best Local Similarity Matches 192; Conserv

100.0%; ilarity 100.0%; Conservative 0

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Score 1160; DB 2; Pred. No. 2.3e-76; Mismatches 0;

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192, 0

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13 13 -

> YSYRFVCDEHYYGEGCSVFCRPRDDAFGHFTCGERGEKVCNPGWKGPYCTEPICLPGCDE GFTWPGTFSLIIEALHTDSPDDLATENPERLISRLATORHLTVGEEWSQDLHSSGRTDLK GFTWPGTFSLIIEALHTDSPDDLATENPERLISRLATQRHLTVGEEWSQDLHSSGRTDLK

YSYRFVCDEHYYGEGCSVFCRPRDDAFGHFTCGERGEKVCNPGWKGPYCTEPICLPGCDE

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RESULT 2
ABR61806
AD ABR61806
AX ABR6

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The invention relates to a product comprising an inhibitor of the Notch signaling pathway or a polynucleotide coding for such inhibitor; and a pathogen antigen or antigenic determinant, or a polynucleotide coding for such pathogen antigen or antigenic determinant, as a combined preparation for simultaneous, contemporaneous, separate or sequential use for
                                                                                                                                                                                                                                                           New product comprising a Notch signaling antigen or antigenic determinant, useful system to treat or prevent an infection,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       14-NOV-2001; 2001GB-00027267.
25-JUL-2002; 2002WO-GB8003426.
07-SBP-2002; 2002GB-000200849.
10-SBP-2002; 2002GB-00020913.
27-SBP-2002; 2002WO-GB8004390.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Notch signaling, notch ligand; immunostimulant; antimicrobial; EGF; epidermal growth factor; medicament; vaccine; delta 1, DLL-1; IgG4F
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Best Local Similarity
Matches 192; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       modulating the immune system. The inhibitor of Notch signaling pathway is useful in the manufacture of a medicament for use as a stimulant, but not for reversing bacteria, infection, or tumor-induced immunosuppression, or treating tumor. The inhibitor is also useful for stimulating the immune system to treat or prevent an infection, in (enhancing) vaccination against a pathogen, treating a chronic pathogen infection, and in increasing the immune response of a subject to a vaccine antigen or antigenic determinant. The binding agent that binds to a Notch ligand, an antibody or its derivative that binds to a Notch receptor or Notch ligand, or the polynucleotide encoding these, may also be used in the manufacture of a medicament for use as a stimulant. The antibody or antibody derivative may further be used in stimulant. The immune system. The present sequence represents a human delta 1 (DLL-1) EGP1-3 -IGGFc fusion protein. (Updated on 23-OCT-2003 to standardise OS field)
                                                          Notch signaling; cancer; notch ligand; epidermal growth factor; cytostatic; vaccine; human; delta 1; DLL-1; IgG4Fc; fusion prote
                                                                                                                                                            23-OCT-2003
02-SEP-2003
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Chimeric
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New inhibitor of Notch signaling, cancer e.g. breast, liver, kidney
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10-SEP-2002;
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                                                                      579.8
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seq length: 2000000000
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Gapop 10.0 , Gapext 1.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Published
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Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /cgn2_6/ptodata/2/pubpna/US09A PUBCOMB.seq:*
/cgn2_6/ptodata/2/pubpna/US09B PUBCOMB.seq:*
/cgn2_6/ptodata/2/pubpna/US09E PUBCOMB.seq:*
/cgn2_6/ptodata/2/pubpna/US09C PUBCOMB.seq:*
/cgn2_6/ptodata/2/pubpna/US09 NEW PUB.seq:*
/cgn2_6/ptodata/2/pubpna/US10A PUBCOMB.seq:*
/cgn2_6/ptodata/2/pubpna/US10B PUBCOMB.seq:*
/cgn2_6/ptodata/2/pubpna/US10D PUBCOMB.seq:*
/cgn2_6/ptodata/2/pubpna/US10E PUBCOMB.seq:*
/cgn2_6/ptodata/2/pubpna/US10_NEW PUB.seq:*
/cgn2_6/ptodata/2/pubpna/US10_NEW PUB.seq:*
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n2_6/ptodata/2/pubpna/US06_REE_PUB.seq:*
n2_6/ptodata/2/pubpna/US06_PUBCOMB.seq:*
n2_6/ptodata/2/pubpna/US07_NEW_PUB.seq:*
n2_6/ptodata/2/pubpna/PCTUS_PUBCOMB.seq:*
n2_6/ptodata/2/pubpna/US08_NEW_PUB.seq:*
n2_6/ptodata/2/pubpna/US08_NEW_PUB.seq:*
n2_6/ptodata/2/pubpna/US08_NEW_DUB.seq:*
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      US-09-828-366-20

4 US-10-028-072-345

4 US-10-140-808-345

4 US-10-121-049-345

14 US-10-123-904-345

14 US-10-175-746-345
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Sequence 26, Appl
Sequence 9, Appli
Sequence 9, Appli
Sequence 8, Appli
Sequence 20, Appli
Sequence 20, Appl
Sequence 345, App
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US-09-908-322-26
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-10-131-813A-34	28-693A-3	-10-127-901A-34	-10-127-839A-34	-10-127-835A-34	-10-127-829A-34	-10-127-825A-34	-10-124-824-34	-10-160-498-34	-140-925-34	-10-124-822-34	-10-124-819-34	-10-123-903-34	-10-123-292-34	-10-121-045-34	-10-140-928-34	-140-921-34	-10-123-261-34	0-123-236-34	-10-123-108-34	-10-143-032-34	-10-141-755-34	-10-121-050-34	-10-142-423-34	-10-123-262-34	S-10-142-419-34	-10-140-002-34	-10-143-114-34	-10-142-431-34	-10-140-474-34	US-10-137-865-345	-10-176-921-34	0-176-918-34
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Sequence 26, Application US/09908322
Patent No. US20020107194A1
GENERAL INFORMATION:

APPLICANT: Ish-Horowicz, David
Henrique, Domingos Manuel Pinto
Lewis, Julian Hart
Artavanis-Tsakonas, Spyridon
Gray, Grace
TITLE OF INVENTION: NUCLEOTIDE AND PROTEIN SEQUENCES OF
VERTEBRATE DELTA GENE AND METHODS BASED THEREON
NUMBER OF SEQUENCES: 94
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds LLP
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: NY
COUNTRY: USA
ZIP: 10036/2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER READABLE FORM:
APPLICATION ONMERE: US/09/908,322
FILING DATE: 17-Jul-2001
CLASSIFICATION NUMBER: 08/981,392
FILING DATE: 17-Jul-2001
CLASSIFICATION NUMBER: 08/981,392
FILING DATE: 22-DEC-1997
ATTORNEY AGRENT INFORMATION:
NAME: Misrock, S Leslie
REGISTRATION NUMBER: 18,872
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RESULT 2
US-09-783-931-26
US-09-783-931-26
; Sequence 26, Application US/09783931
; Publication No. US20030073620A1
; GENERAL INFORMATION:
; GENERAL INFORMATION:
; APPLICANT: Ish-Horowicz, David
Henrique, Domingos Manuel Pinto
Lewis, Julian Hart
Artavanis-Tsakonas, Spyridon
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-790-9090
TELEPAX: 212-689-8864
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 26:
SEQUENCE CHARACTERISTICS:
LENGTH: 1981 base pairs
TYPE: nucleic acid
STRANDENESS: single
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Best Local
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MOLECULE TYPE: cDNA
SEQUENCE DESCRIPTION: SEQ ID
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Pred. No. 2.4e-179;
0; Mismatches 0;
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MOLECULE TYPE: DNA

SEQUENCE DESCRIPTION: SEQ ID NO:
US-09-783-931-26
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Best Local Similarity
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TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 26:
SEQUENCE CHARACTERISTICS:
LENGTH: 1981 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ZIP: 10036/2711

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FESTESG Version 2.0

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/99/783,931
FILING DATE: 15-Feb-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: 08/981;392
FILING DATE: 22-DEC-1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Antler, Adriane M.
REGISTRATION NUMBER: 32,605
REFERENCE/DOCKET NUMBER: 73:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-790-9990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gray, Grace
TITLE OF INVENTION: ANTIBODIES TO
AND FRAGMENTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSE: Pennie & Edmonds LLP
STREET: 1155 Avenue of the Americas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES:
                                                        420
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STATE: NY
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Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Mismatches
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Listing first 45 summaries
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Perfect score:
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           Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
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2: /cgn2_6/ptodata/1/ina/6A_COMB.seq:*

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4: /cgn2_6/ptodata/1/ina/6B_COMB.seq:*

5: /cgn2_6/ptodata/1/ina/PGTUS_COMB.seq:*

6: /cgn2_6/ptodata/1/ina/backfIles1.seq:*
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US-09-423-753-1
US-09-423-753-1
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US-09-566-047-3
US-08-882-046-3
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5982.473 Million cell updates/sec
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                                                                                       TELEPAX: 212-869-8864
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 26
SEQUENCE CHARACTERISTICS:
LENGTH: 1981 base pairs
TYPE: nucleic acid
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Patent No. 6
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APPLICANT: Ish-Horowicz, David

APPLICANT: Henrique, Domingos Manuel Pinto

APPLICANT: Lewis, Julian Hart

APPLICANT: Lewis, Julian Hart

APPLICANT: Artavanis-Tsakonas, Spyridon

APPLICANT: Gray, Grace

TITLE OF INVENTION: NUCLECTIDE AND PROTEIN SEQUENCES

TITLE OF INVENTION: OF VERTEBRATE DELTA GENES AND METHODS BASED THEREON
                                                                                                                                                                                                                                                                                                                                                                                                                                ZIP: 10036/2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ Version 2.0
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                        APPLICATION NUMBER: US/08/98:
PILING DATE: 22-DEC-1997
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Antler, Adriane M.
REGISTRATION NUMBER: 32,605
REFERENCE/DOCKET NUMBER: 732/
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-790-9090
                         TOPOLOGY: 1:
MOLECULE TYPE:
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                                                                 STRANDEDNESS: single
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1155 Avenue of the Americas
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Best Local Similarity Matches 606; Conserv

Conservative

99.8%; Score 605; DE 100.0%; Pred. No. 5.4 tive 0; Mismatches

DB 3; .4e-1

Length 1981;

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Query Match

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RESULT 2
US-09-908-322-26
US-09-908-322-26
; Sequence 26, Application US/09908322
; Patent No. 6783956
; Patent No. 6783956
; GENERAL INFORMATION:
; APPLICANT: Ish-Horowicz, David
Henrique, Domingos Manuel Pinto
Lewis, Julian Hart
Lewis, Julian Hart
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CITY: New York
STATE: NY
COUNTRY: USA
ZIP: 10036/2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER IBM COMPATIBLE
COMPUTER: IBM COMPATIBLE
COMPUTER: IBM COMPATIBLE
COMPUTER: DOS
SOFTWARE: FASTEM: DOS
SOFTWARE: FASTEM: DOS
CURRENT APPLICATION NUMBER: US/09/908,322
FILING DATE: 17-Jul-2001
                                                                                                                                                                     NUMBER OF SEQUENCES: 94
CORRESPONDENCE ADDRESS:
ADDRESSEE: Permie & Edmonde LLP
STREET: 1155 Avenue of the Americae
                                                                                                                                                                                                               Gray, Grace
TITLE OF INVENTION: NUCLEOTIDE AND PROTEIN SEQUENCES OF
VERTEBRATE DELTA GENE AND METHODS BASED THEREON
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;
MOLECULE TYPE: CDNA
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SEQUENCE DESCRIPTION: SEQ ID NO:
US-09-908-322-26
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REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 7326-123
REFERENCE/DOCKET NUMBER: 7326-123
RELECOMMUNICATION INFORMATION:
TELEPHONE: 212-96-9090
TELEPAX: 212-96-9864
TELEPAX: 212-969-8864
TELEPAX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 26:
SEQUENCE CHARACTERISTICS:
LENGUTH: 1981 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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Best Local Simi
Matches 606;
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APPLICATION NUMBER: 08/981,392
FILING DATE: 22-DEC-1997
ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      99.8%; Score 605; DB 4; Lilarity 100.0%; Pred. No. 5.4e-170; Conservative 0; Mismatches 0;
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